Education in the post-Covid 19 scenario – Some reflections

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Outline

• Where?
• What?
• How?
Here: 57 degrees north
What?

- Ten years from now, which tasks and missions do you hope that the high-school graduates will be able to carry out?
- Which knowledge and skills will be necessary for them to have to be able to carry out these tasks?
- Compared to now, which pieces of knowledge and skills are most important to strengthen?
  - Subject knowledge (math, natural science, computational thinking, ....)
  - Personal skills
  - Interpersonal skills
  - Ability to innovate to solve real world problems
How?

- Include learning activities that develop the areas that need to be strengthened.
- Formulate challenging tasks of suitable complexity.
- Remember, students can carry out remarkable things when the creativity and motivation is stimulated.
- Challenge-based learning (CBL) has a slight taste of buzzword but brings a new view of the challenge/task and how to deal with it.
- CBL also includes well known components such as teamwork, communication etc.
- Competitions can have positive effects on the motivation
How?

Challenges:

• Can be found in everywhere around us
• One possible collection of challenges:
How (from another perspective)?

Some observations:

• Changing the education takes time and energy, so use your resources wisely
• Try to find and involve the “enthusiasts”
• Listen to the “students”
• Listen to the external stakeholders (industry, etc.)
Finally ....

Good luck!